1,	1.	A method for detecting a cancer in a brain tissue sample, the method			
2	comprising the steps of:				
3		(A) providing the brain tissue sample; and			
4		(B) analyzing the brain tissue sample for a Fra-1 marker.			
1	2.	The method of claim 1, wherein the step (B) of analyzing the brain			
2	tissue sample	comprises comparing the quantity of expression of the Fra-1 marker to			
3	a first sample known to express detectable levels of the Fra-1 marker and a second				
4	sample known to not express detectable levels of the Fra-1 marker.				
1	3.	The method of claim 1, wherein the Fra-1 marker is a Fra-1 nucleic			
2	acid.				
1	4.	The method of claim 3, wherein the Fra-1 marker is an RNA.			
1	5.	The method of claim 3, wherein the Fra-1 nucleic acid is a native Fra-1			
2	nucleic acid.				
1	6.	The method of claim 3, wherein the step (A) of providing a tissue			
2		rises obtaining the brain tissue sample from a human subject; and the			
3	1 ()	alyzing the brain tissue sample comprises isolating RNA from the tissue			
4	_	rating cDNAs from the isolated RNA, amplifying the cDNAs by PCR to			
5	generate a PC	R product.			
1	7.	The method of claim 3, wherein the step (A) of providing a brain			
2					
3	tissue sample comprises obtaining the tissue sample from a human subject; and the step (B) of analyzing the brain tissue sample comprises isolating nucleic acid from				
4		apple, and contacting the isolated nucleic acid with an oligonucleotide			
5	probe that hybridizes under stringent hybridization conditions to the Fra-1 nucleic				
6	acid.	states and sumgent hybridization conditions to the 21d 2 habita			
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1	8.	The method of claim 7, wherein the oligonucleotide probe further			
2	comprises a d	etectable label.			

1	9.	The method of claim 1, wherein the Fra-1 marker is a Fra-1 protein.
1	10.	The method of claim 9, wherein the Fra-1 protein is a native Fra-1
2	protein.	
1	11.	The method of claim 9, wherein the step (A) of providing a brain
2	tissue sample	comprises obtaining the brain tissue sample from a human subject; and
3	the step (B) of	of analyzing the brain tissue sample comprises contacting at least a
4	portion of the brain tissue sample with a probe that specifically binds to the Fra-1	
5	protein.	
1	12.	The method of claim 11, wherein the probe comprises a detectable
2	label.	
1	13.	The method of claim 11, wherein the probe comprises an antibody.
1	14.	The method of claim 13, wherein the antibody is a polyclonal
2	antibody.	
1	15.	The method of claim 13, wherein the antibody is a monoclonal
2	antibody.	
1	16.	A method of modulating Fra-1 gene expression in a brain cancer cell
2	comprising the steps of:	
3		(A) providing a brain cancer cell that expresses a Fra-1 gene; and
4		(B) introducing into the cell an agent that modulates the expression
5	of the Fra-1 g	gene in the cell.
1	17.	The method of claim 16, wherein the agent is an oligonucleotide.
		·
1	18.	The method of claim 16, wherein the agent is an antisense
2	oligonucleoti	

- 1 19. The method of claim 18, wherein the antisense oligonucleotide 2 hybridizes under stringent hybridization conditions to a polynucleotide that encodes a Fra-1 protein. 3 1 20. A method of inhibiting VEGF-D gene expression in a brain cancer cell 2 comprising the steps of: 3 (A) providing a brain cancer cell that expresses a VEGF-D gene 4 promoter and a Fra-1 protein; and 5 (B) introducing into the cell an agent that interferes with binding of 6 the Fra-1 protein to the VEGF-D gene promoter. 1 21. The method of claim 20, wherein the agent specifically binds a c-Jun 2 protein. 1 22. The method of claim 20, wherein the agent specifically binds Fra-1 2 protein. 1 23. The method of claim 20, wherein the agent specifically binds the 2 VEGF-D promoter. 1 24. The method of claim 20, wherein the agent is a variant of a native c-2 Jun protein that binds the Fra-1 protein but lacks the ability to bind a VEGF-D gene 3 promoter. 1 25. The method of claim 20, wherein the molecule is a variant of a native 2 Fra-1 protein that binds a c-Jun protein but lacks the ability to bind a VEGF-D gene 3 promoter.
- 1 26. The method of claim 20, wherein the step (B) of introducing an agent 2 that interferes with binding of the Fra-1 protein comprises introducing an expression 3 vector having a nucleic acid encoding the agent into the cell.

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1	27.	The method of claim 26, wherein the agent is an antisense	
2	oligonucleoti	de that hybridizes under stringent conditions to a polynucleotide that	
3	encodes a Fra-1 protein.		
1	28.	The method of claim 26, wherein the agent is a variant of a native c-	
2	Jun protein th	nat binds the Fra-1 protein but lacks the ability to bind a VEGF-D gene	
3	promoter.		
1	29.	The method of claim 26, wherein the agent is a variant of a native Fra-	
2	1 protein that	binds the c-Jun protein but lacks the ability to bind a VEGF-D gene	
3	promoter.		
1	30.	The method of claim 20, wherein the brain cancer cell is contained	
2	within the cra	anium of a human subject.	
1	31.	The method of claim 30, wherein the agent is administered to the	
2	human subject	et by parenteral administration.	
1	32.	The method of claim 31, wherein the parenteral administration is	
2	intravenous o	r intraarterial injection.	
1	33.	The method of claim 32, wherein the agent is introduced by injection	
2		um of the human subject.	
	into the crain	an of the human subject.	
1	34.	A method of identifying a test compound that modulates expression of	
2	a Fra-1 gene	in a brain cancer cell, the method comprising the steps of:	
3		(A) providing a brain cancer cell expressing a Fra-1 gene;	
4		(B) contacting the cell with the test compound; and	
5		(C) detecting a modulation in the expression of the Fra-1 gene,	
6	wherein detecting the modulation indicates that the test compound modulates		
7	expression of the Fra-1 gene.		
1	35.	The method of claim 34, wherein the cell is derived from a tissue	

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sample isolated from a human brain.

1	36.	The method of claim 34, wherein the step of detecting the modulation	
2	in the express	sion of the Fra-1 gene comprises analyzing the cell for a change in the	
3	amount of a Fra-1 marker in the cell.		
1	37.	The method of claim 36, wherein the Fra-1 marker is a Fra-1 nucleic	
2	acid.		
1	38.	The method of claim 37, wherein the Fra-1 nucleic acid is an RNA.	
1	39.	The method of claim 37, wherein the Fra-1 nucleic acid is a native Fra-	
2	1 nucleic acid	1.	
1	40.	The method of claim 36, wherein the Fra-1 marker is a Fra-1 protein.	
1	41.	The method of claim 40, wherein the Fra-1 protein is a native Fra-1	
2	protein.		
	_		
1	42.	A method for inhibiting angiogenesis associated with a brain cancer in	
2	a subject, the	method comprising the steps of:	
3		(A) providing an agent that interferes with Fra-1 binding to a	
4	VEGF-D gen	e promoter; and	
5		(B) administering the agent to the central nervous system of the	
6	subject in an	amount effective to inhibit blood vessel development associated with the	
7	brain cancer.		
1	43.	The method of claim 42, wherein the agent specifically binds a c-Jun	
2	protein.		
1	44.	The method of claim 42, wherein the agent specifically binds a Fra-1	
2	protein.		
	-		
1	45.	The method of claim 42, wherein the agent specifically binds the	

VEGF-D gene promoter.

- 1 46. The method of claim 42, wherein the agent is a variant of a native c-
- 2 Jun protein that binds the Fra-1 protein but lacks the ability to bind a VEGF-D gene
- 3 promoter.
- 1 47. The method of claim 42, wherein the agent is a variant of a native Fra-
- 2 1 protein that binds a c-Jun protein but lacks the ability to bind a VEGF-D gene
- 3 promoter.